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- ☐ 1. Mechanisms of killing of spores of Bacillus subtilis by iodine, glutaraldehyde and nitrous acid.  
**R Tennen / B Setlow / K L Davis / C A Loshon / P Setlow, J Appl Microbiol, Aug 2000**  
...Betadine sensitivity. In contrast, **nitrous acid** treatment of wild-type and alpha-beta...type and alpha-beta- spores to **nitrous acid**, and there was significant expression of a recA-lacZ fusion when **nitrous acid**-treated spores germinated. These...  
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- ☐ 2. The bactericidal effect and chemical reactions of acidified nitrite under conditions simulating the stomach.  
**J Xu / X Xu / W Verstraete, J Appl Microbiol, Apr 2001**  
...detected in any of the samples. CONCLUSION: The bactericidal effects of nitrite appeared to be primarily related to **nitrous acid**, and possibly to other unidentified nitrogenous metabolites, but not to nitric oxide and nitrogen dioxide. SIGNIFICANCE...  
**MEDLINE/PubMed Citation on PubMed**  
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- ☐ 3. Body [41K]  
Oct 1997  
...formation of heavy metal azides which can detonate easily. Azide contaminated plumbing rrust be decontaminated with **nitrous acid** or sodium hydroxide. 4.2.2 Gas cylinders - Valves, gauges, regulators and other fittings must not be oiled. Cylinders...  
[http://www.ha.org.hk/pmh/pathology/labguide/safetym/sa...]  
[similar results](#)
- ☐ 4. Current Topics in Chemistry - Wade - Chapter 19 [8K]  
Apr 2000  
...kinds of salts that are derived from nitric acid and **nitrous acid**, respectively. They are found everywhere in water, cosmetics...3 - Question 2: How do you synthesize nitrites

Re  
us  
fo  
am  
an  
an  
an  
an  
an  
dis  
fer  
gra  
hy  
nit  
pe  
Or  
Al  
F

from **nitrous acid**? How do you synthesize nitrates from nitric acid? Answer...

[[http://www.missouri.edu/~chemrg/212w00/group\\_28\\_projec...](http://www.missouri.edu/~chemrg/212w00/group_28_projec...)]

[similar results](#)

☐ 5. Submitted by the News Bureau [PDF-43K]

Nov 1999

Submitted by the News Bureau A state senator and two corporate executives will receive honorary doctorates during Midyear Commencement ceremonies November 20. State Senator John Schwarz, this year's commencement speaker (see related story), will be receiving an Honorary Doctorate in Science.

[<http://www.admin.mtu.edu/urel/ttopics/acrobat/november...>]

[similar results](#)

☐ 6. Untitled [Word-8K]

Aug 2001

...NaNO<sub>3</sub> and NaNO<sub>2</sub> used as preservatives in cured meats Prevents growth of Clostridium botulinum NaNO<sub>2</sub> converted to **nitrous acid** and nitroso cpds. in stomach (carcinogens) Antibiotics Chemical product of biological origin - kills or inhibits microorganisms...

[<http://employees.oneonta.edu/bairdk/6Control.doc>]

[similar results](#)

☐ 7. No Title [109K]

Nov 2001

...chloride in aqueous acid medium.. Lohdp, Y.,N., Iyun, J.F.; J. Chem. Soc. Nig., 2000, 25, pp. 39 - 42. &nbsp; Oxidation of **nitrous acid** by tris(diamine) iron(III) complexes.. Ayoko, G.A., Iyun, J.F., Fark, Y.U.; Indian Journal of Chemistry, 1999, 38A...

[<http://www.und.ac.za/und/aapac/country/nigeria.htm>]

[similar results](#)

☐ 8. A novel synthesis of heterocyclic compounds containing coumarin moiety of potential antimicrobial activity.

**M E el-Fattah**, *Arch Pharm Res*, Dec 1998

...hydrazine (2) towards some different reagents such as anhydride compounds, aromatic aldehydes, carbon disulphide, and **nitrous acid** yielded the corresponding pathalazine derivatives (3, 4, 5), hydrazone derivative (6), 1,3,4-oxadiazole derivative...

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☐ 9. Antimicrobial and antineoplastic activities of new 4-diazopyrazole derivatives

**Daidone, G. / Maggio, B. / Plescia, S. / Raffa, D. / Musiu, C. / Milia, C. / Perra, G. / Marongiu, M.E.**, *European Journal of Medicinal Chemistry*, Jun 1998

...substituted-benzamido)pyrazoles with an excess of **nitrous acid** in acetic acid solution. The compounds...outlined in figure 1, by reaction of **nitrous acid** with the amides 3 in acetic acid...solid state (see figure 3). The **nitrous acid**/amide molar ratio influenced signi...

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☐ 10. ANTIBACTERIAL COMPOSITIONS




**YAGI, Minoru, Kurita Water Industries Ltd. / USUI, Urara, Kurita Water Industries Ltd. / KURITA WATER INDUSTRIES LTD.**, *EUROPEAN PATENT*, Jun 2001






...corrosion inhibitor include tolyl triazole, benzotriazole, methylbenzotriazole, molybdic acid, tungstic acid, silicic acid, **nitrous acid**, 2-phosphonobutane-1,2,4- tricarboxylic acid, hydroxyethylidenediphosphonic acid, hexametaphosphoric acid, tripolyphosphoric...

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- ☐ **11. Environmental Technology PhD Research Topics 2001 - 2002** [21K]  
 Sep 2001  
 ...of air pollutants from motor vehicles Supervisor: Dr Kevin Clemmitshaw  
 ( k.clemmitshaw@ic.ac.uk Sources and Sinks of **nitrous acid** in urban, suburban and  
 remote atmospheres. Supervisor: Dr Kevin Clemmitshaw ( k.clemmitshaw@ic.ac.uk Impacts  
 of nitrogen...  
[\[http://www.huxley.ic.ac.uk/phdet2001.htm\]](http://www.huxley.ic.ac.uk/phdet2001.htm)  
[similar results](#)
- ☐ **12. The hydroxide-assisted hydrolysis of cyanogen chloride in aqueous solution**  
**Pedersen III' E.J. / Marinas, B.J., Water Research**, Feb 2001  
 The hydrolysis of cyanogen chloride (CICN) was studied as a function of temperature and  
 pH. Results were used to resolve discrepancies among previously reported kinetic  
 constants. The pH dependence was studied over a range of 9.54-10.93...  
**Published journal article available from**  **SCIENCE @ DIRECT**  
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- ☐ **13. Influence of ammonia and other abiotic factors on microbial activity and pathogen  
 inactivation during processing of high-solid ...**  
**Bujoczek, Grzegorz**, Jan 2001  
 ABSTRACT In this research the objective was to achieve a better understanding of the  
 nature of ammonia action that leads to enhancement or inhibition of anaerobic digestion  
 process, and to optimization of alkaline disinfection. These processes are commonly used to  
 treat organic residues.  
**Full text thesis available via NDLTD**  
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- ☐ **14. SOLUTIONS HOMEWORK # 1** [16K]  
 Mar 2001  
 ...acidic, basic, or neutral. Explain your reasoning. (a)  $\text{NH}_4^+$  , (b)  $\text{KClO}_4$  , (c)  
 $\text{KHSO}_4$  , (d)  $\text{BaO}$ , (e)  $\text{NaHSO}_3$  , and (f)  $\text{CH}_3\text{NH}_3^+\text{NO}_3^-$  . Calculate the equilibrium pH  
 of a 0.1M **nitrous acid**,  $\text{HNO}_2$  , solution at 25 °C ( $\text{pK}_a = 3.29$ )  
[\[http://www.ence.umd.edu/~alba/ence433/S-01/hw4/hw4.htm...\]](http://www.ence.umd.edu/~alba/ence433/S-01/hw4/hw4.htm...)  
[similar results](#)
- ☐ **15. MACROLIDE-BASED COMPOUND**  
**ASAGA TOSHIBUMI / KASHIMURA MASATO / MANNAKA AKIRA / TANIGAWA  
 TETSUYA / SUGIMOTO TOMOHIRO / TAISHO PHARMACEUT CO LTD, PATENT**  
**ABSTRACTS OF JAPAN**, Mar 2001  
 ...hydroxyimino&rsqb;acetyl-5-O- desosaminy-6-O-methylerythronolide A 11,12-cyclic  
 carbamate. The compound of formula I is produced by method, etc., reacting a  
 compound of formula V derived from a compound of formula IV with **nitrous acid** (salt).  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
[view all 23 results from Patent Offices](#)  
[similar results](#)
- ☐ **16. SEPTIC TANK**  
**SATO KENJI / MATSUSHITA ELECTRIC WORKS LTD, PATENT ABSTRACTS OF JAPAN**,  
 Feb 2001  
 ...operation is carried out, ammonia which flows into the treatment tank 2 is oxidized and  
 is changed to nitric acid and **nitrous acid**. In order to secure the quantity of the air  
 required for the aerobic operation executed in the treatment tank 2, the...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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17. PVA containing chito-oligosaccharide side chain  
**Cho, Y.-W. / Han, S.-S. / Ko, S.-W.**, *Polymer*, Mar 2000  
A chito-oligosaccharide (COS) with the number average degree of polymerization (DP<sup>n</sup>) of 9 was immobilized on poly(vinyl alcohol) (PVA) by crosslinking with a bifunctional compound, N-methylolacrylamide (NMA). The reaction was composed...  
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18. 2-(1-(1,3-Thiazolin-2-yl)azetidin-3-yl)thio-carbapenem derivatives  
**Abe, Takao / Isoda, Takeshi / Sato, Chisato / Mihira, Ado / Tamai, Satoshi / Kumagai, Toshio / Wyeth K.K.**, *EUROPEAN PATENT*, Jun 1999  
Novel 3-Mercapto-1-(1,3-thiazolin-2-yl)azetidine derivatives represented by formula (IX) below or acid addition salts thereof wherein R is hydrogen, C 1 -C 7 alkyl group which is unsubstituted or substituted by hydroxy, C 1 -C 7 alkoxy or C 1...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
[view all 23 results from Patent Offices](#)  
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19. Antimicrobial compositions and their use  
**Yagi, Minoru, Kurita Water Industries Ltd. / Aoki, Tetsuya, Kurita Water Industries Ltd. / KURITA WATER INDUSTRIES LTD.**, *EUROPEAN PATENT*, Jun 1999  
...inhibitor: For example, tolyltriazole, benzotriazole, methylbenzotriazole, molybdic acid, tungstic acid, silicic acid, **nitrous acid**, 2-phosphonobutane-1,2,4- tricarboxic acid, hydroxyethylidenediphosphonic acid, hexamethaphosphoric acid, tripolyphosphoric...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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20. Subjects in space, the politics of travel in early modern England  
**Turner, Jennifer Anne**, Jan 2000  
TOBA FACULTYOF GRADUATESTUDIES COPYRIGHT PERMISSION INFLUENCE OFAMWIONIAAND OTHER ABIOTIC FACTORS ON MICROBIAL ACTIVITYAND PATHOGEN WACTNATION DURING PROCESSING OFHIGH-SOLID RESIDUES GRZEGORZ BUJOCZEK A ThesisPracticum submitted to the Faculty of Graduate Studies of The University of Manitoba in  
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21. One-step synthesis, crystallographic studies and antimicrobial activity of new 4-diazopyrazole derivatives  
**Daidone, G. / Bajardi, M. / Plescia, S. / Raffa, D. / Schillaci, D. / Maggio, B. / Benetollo, F. / Bombieri, G.**, *European Journal of Medicinal Chemistry*, Jan 1996  
...dopyrazoles with a sevellfold excess of **nitrous acid** in acetic medium. The compounds...2-nitrobenzamido)pyrazole with **nitrous acid** in acetic medium to produce a mixture...amidopyrazoles 3 with a sevenfold excess of **nitrous acid** produced the corresponding 4-diazopyrazole...  
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22. ACIDIFIED NITRITE AS AN ANTIMICROBIAL AGENT  
**BENJAMIN, Nigel / DOUGALL, Hamish / ABERDEEN UNIVERSITY**, *EUROPEAN PATENT*, Dec 1996  
...that the generation of nitrogen oxides and/or **nitrous acid** in the mouth and in the gastrointestinal tract...of the stomach protonate the nitrite to form **nitrous acid** (pK a approx 3.5). The **nitrous acid** in turn dissociates to form oxides of nitrogen...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**

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- ☐ **23. Nitric oxide and antimicrobial activity of reactive oxygen intermediates**  
**Marcinkiewicz, J., *Immunopharmacology*, Aug 1997**  
...consistent with the well-known phenomenon that at acidic pH the NO<sub>2</sub> anion is converted to the bactericidal product, **nitrous acid**, which generates additional species of RNI, including NO (Kaplan et al., 1996). Complex interactions of RNI with the...  
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- ☐ **24. PRODUCTION OF 7-SUBSTITUTED-3-DIMETHYLCARBAMOYLOXYMETHYL-3-CEPHEM COMPOUND**  
**NEGI SHIGETO / YAMANAKA MOTOSUKE / KATSU KAMAMASA / SUGIYAMA ISAO / KOMATSU TAKEKI / KAMATA ATSUSHI / TSURUOKA AKIHIKO / (...) / EISAI CO LTD, PATENT ABSTRACTS OF JAPAN, Oct 1992**  
...a halogenoacetic acid halide, then nitrosating with **nitrous acid** and further reacting with thiourea. CONSTITUTION: A...formula II is nitrosated with a nitrosating agent such as **nitrous acid** and a derivative thereof (e.g. sodium nitrite) in a...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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- ☐ **25. Reactive nitrogen intermediates and antimicrobial activity: role of nitrite.**  
**S J Klebanoff, *Free Radic Biol Med*, Apr 1993**  
...toxic intermediates, nitrite (NO<sub>2</sub><sup>-</sup>) and nitrate are formed. Nitrite, however, also has toxic properties. At acid pH, **nitrous acid** (HNO<sub>2</sub>) is bactericidal to *Escherichia coli*, in association with the loss of HNO<sub>2</sub>/NO<sub>2</sub><sup>-</sup> and the uptake of oxygen, an effect...  
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- ☐ **26. Reactive nitrogen intermediates and antimicrobial activity: Role of nitrite**  
**Klebanoff, S.J., *Free Radical Biology and Medicine*, Apr 1993**  
...Nitrite, however, also has toxic properties. At acid pH, **nitrous acid** (HNO<sub>2</sub>) is bactericidal to *Escherichia coli*, in association...peroxidase-mediated antimicrobial systems. Keywords--Nitrite, **Nitrous acid**, Peroxidase, Antimicrobial activity, Myeloperoxidase...  
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- ☐ **27. THIADIAZOLO AND TRIAZOLONAPHTHYLIDINE DERIVATIVE**  
**TANAKA YOSHIKI / SUZUKI NORIO / DAI ICHI SEIYAKU CO LTD, PATENT ABSTRACTS OF JAPAN, Feb 1981**  
...II, is heated in an aqueous solution of an alkali hydroxide to obtain a compound of formula IV, which is mixed with a **nitrous acid** salt in an acidic solution under stirring to afford a compound of formula I wherein Q is S, i.e. the compound of formula...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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- ☐ **28. PROCESS FOR DISINFECTING ORGANIC WASTE SLUDGE**  
**PELTIER, Morris, Jr. / MAYEUX, Eddie, P. / PELTIER, Morris, Jr., PATENT COOPERATION TREATY APPLICATION, Mar 1998**  
...U.S. Pat. Nos. 5,281,341 and 4,793,927 to Reimer discloses methods for disinfection of an organic waste sludge with **nitrous acid** or ammonia. U.S. Pat. No. 3,942,970 to

O'Donnell discloses a method for disinfecting organic waste sludge with N-methylol-urea...


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- ☐ 29. 2-&lsqb;1-(1,3-Thiazolin-2-yl)azetidin-3-yl&rsqb;thio-carbapenem derivatives  
**Abe, Takao / Isoda, Takeshi / Sato, Chisato / Mihira, Ado / Tamai, Satoshi / Kumagai, Toshio / Wyeth Lederle Japan LTD., EUROPEAN PATENT**, Jan 1995  
Novel carbapenem compounds, (1R,5S,6S)-2-&lsqb;1-(1,3- thiazolin-2-yl)azetidin-3-yl&rsqb;thio-6-&lsqb;(R)-1-hydroxyethyl&rsqb;-1-methyl- carbapen-2-em-3-carboxylic acid derivatives. These carbapenem compounds are represented by the following formula...

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- ☐ 30. SUBSTITUTED 2-CHLORO-3,4,5-TRIFLUOROBENZENE AND ITS PRODUCTION  
**PFIRMANN RALF DR / SCHACH THOMAS / HOECHST AG, PATENT ABSTRACTS OF JAPAN**, Feb 1996

...solvent (e.g. hexane) and a hydrogenating catalyst (e.g. Pt supported on activated carbon), diazotizing the product with **nitrous acid**, etc., and optionally replacing the diazotized group with Cl, Br or a cyano group. The compound of the formula is an...

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- ☐ 31. Effects of oxytetracycline on nitrification in a model aquatic system

**Klaver, A.L. / Matthews, R.A., Aquaculture**, Jun 1994

...Anthonisen, A.C., Loehr, R.C., Prakasam, T.B.S. and Srinath, F.G., 1976. Inhibition of nitrification by ammonia and **nitrous acid**. J. Water Poll. Control Fed., 48: 835-852. Beg, S.A. and Hassan, M.M., 1987. Effects of inhibitors on nitrification...

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- ☐ 32. Antibacterial substance BE-24566B

**Kojiri, Katsuhisa / Nakajima, Shigeru / Fuse, Aisaku / Suda, Hiroyuki / BANYU PHARMACEUTICAL CO., LTD., EUROPEAN PATENT**, May 1993

...radiant rays (e.g., X-rays or ultraviolet rays) treatments with a mutation inducer such as nitrogen mustard, azaserine, **nitrous acid**, 2- aminopurine or N-methyl-N'-nitro-N-nitrosoguanidine (NTG) phage conversion transformation transduction or conjugation...

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- ☐ 33. ACIDIFIED NITRITE AS AN ANTIMICROBIAL AGENT

**BENJAMIN, Nigel / DOUGALL, Hamish / ABERDEEN UNIVERSITY, PATENT COOPERATION TREATY APPLICATION**, Aug 1995

...that the generation of nitrogen oxides and/or **nitrous acid** in the mouth and in the gastrointestinal tract...of the stomach protonate the nitrite to form **nitrous acid** (pKa approx 3.5). The **nitrous acid** in turn dissociates to form oxides of nitrogen...

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- ☐ 34. Mechanisms of action of chemical sporicidal and sporistatic agents


**Russell, A.D., International Journal of Pharmaceutics**, Sep 1983

...nitrite exists as undissociated **nitrous acid**, HNO<sub>2</sub>. Spores pretreated with

DTT...temperature rises (Ando, 1980). **Nitrous acid** affects the cortex, and induces...cells. The effect of undissociated **nitrous acid** (sodium nitrite at pH 4) on germination...

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- ☐ **35. 2-ALKYL-7-SUBSTITUTED-2-OR 3-CEPHEM-4-CARBOXYLIC ACID COMPOUND AND ITS SALT AND PREPARATION THEREOF**  
**KAMIYA TAKASHI / TAKATANI TAKAO / TERACHI TSUTOMU / HASHIMOTO SHINJI / NAKAGUCHI OSAMU / OKU TERUO / FUJISAWA PHARMACEUT CO LTD, PATENT ABSTRACTS OF JAPAN, Jan 1983**  
...of formula II or a salt thereof, e.g. sodium, potassium or ammonium salt, is reacted with a nitrosating agent, e.g. **nitrous acid** or amyl nitrite, in a solvent, e.g. acetic acid or benzene, under cooling W at room temperature to give the compound...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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- ☐ **36. Synthesis of condensed heterocycles from 3-aryl-2,4-dicarbethoxy-5-methylcyclohexanones and their testing for antimicrobial...**  
**M A Metwally / M S el-Hossini / F Z el-Ablak / A M Khalil, Pharmazie, May 1992**  
...compounds 9, while their reaction with hydrazine hydrate afforded the hydrazino derivatives 10, which upon treatment with **nitrous acid** gave the azido or tetrazolo derivatives 11 and 12. Treatment of 1 with 2,3-diaminopyridine and/or 2-amino-3-hydroxy...

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- ☐ **37. HALOGENONITROANILINE DERIVATIVE AND PRODUCTION THEREOF**  
**IRIKURA TSUTOMU / SUZUE SEIGO / MURAYAMA SATORU / HIRAI KEIJI / ISHIZAKI TAKAYOSHI / KYORIN PHARMACEUT CO LTD, PATENT ABSTRACTS OF JAPAN, Sep 1986**  
...PREPARATION: 2, 3-Dichloro-4-fluoro-6-nitroaniline shown by the formula II is treated with cupric chloride and an ester of **nitrous acid** in a solvent such as preferably acetonitrile, etc. at room temperature W100°C, to give a compound shown by the formula...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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- ☐ **38. 3,7-DISUBSTITUTED-3-CEPHEM-4-CARBOXYLIC ACID COMPOUND**  
**TAKATANI TAKAO / TAKASUGI HISASHI / TOTSUKA ZENZABURO / FUJISAWA PHARMACEUT CO LTD, PATENT ABSTRACTS OF JAPAN, Feb 1985**  
...PREPARATION: The compound of formula I can be prepared by reacting the compound of formula II with a nitrosation agent such as **nitrous acid**, etc. in a solvent such as benzene under cooling or at room temperature. The starting compound of formula II is novel...  
**Full text available at patent office. For more in-depth searching go to**  **LexisNexis**  
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- ☐ **39. PRODUCTION OF 2-SUBSTITUTED HYDROXYIMINOPROPANEDINITRILE**  
**SHIYUNDOU TAKATSUGU / NAKATANI HIROSHI / FUJIWARA YOSHITAKA / TAKEDA CHEM IND LTD, PATENT ABSTRACTS OF JAPAN, Jul 1992**  
...cyclic alkyl which may be substituted). The compound expressed by formula I is obtained by reacting malonitrile with **nitrous acid** or its salt under acidic conditions and


then reacting the resultant compound with a K or an Li compound. The compound...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
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☐ **40. COMPOUND RELATED TO ANTIBIOTIC G-6302 AND ITS PREPARATION**

**MUROI MASAYUKI / ASAI MITSUKO / IMADA SATORU / TAKEDA CHEM IND LTD,**  
*PATENT ABSTRACTS OF JAPAN*, Oct 1981

...Escherichia coli -CP13, particularly specific to  $\beta$ -lactam agents and resistant to  $\beta$ -lactamase. PROCESS: An azetidinone derivative of formula IV or a salt thereof is reacted with a nitrosating agent, e.g. **nitrous acid** to give the compound of formula I.

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
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☐ **41. HALOGENOBENZENE DERIVATIVE AND PRODUCTION THEREOF**

**IRIKURA TSUTOMU / SUZUE SEIGO / MURAYAMA SATORU / HIRAI KEIJI /**  
**ISHIZAKI TAKAYOSHI / KYORIN PHARMACEUT CO LTD,** *PATENT ABSTRACTS OF JAPAN*, Sep 1986


...with a metal and an acid in a solvent. The product can be converted to the compound of formula V by reacting with a **nitrous acid** (ester) to obtain a diazonium salt, and reacting with a metal cyanide. The compound of formula II wherein R 1 is cyano...

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☐ **42. N-CYCLOPROPYLANILINE DERIVATIVE AND PRODUCTION THEREOF**

**IRIKURA TSUTOMU / SUZUE SEIGO / MURAYAMA SATORU / HIRAI KEIJI /**  
**ISHIZAKI TAKAYOSHI / KYORIN PHARMACEUT CO LTD,** *PATENT ABSTRACTS OF JAPAN*, Sep 1986


...CWroom temperature to give a compound shown by the formula IV. This compound is reacted with  $\geq$  an equimolar amount a **nitrous acid** gas, etc., in a solvent such as DMF, etc., at 0W100°C, to give a compound shown by the formula I where R is H.

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☐ **43. ON THE INTERNATIONAL SANITARY CONFERENCE, AND THE PRESERVATION OF EUROPE FROM CHOLERA.**

**Goodeve, E.,** *The Lancet*, Dec 1866


...gone through at any port in fusion of sulphurous or **nitrous acid** gas, or chlorine gas, and which a sanitary establishment...the phate of iron, carbolic acid, sulphurous-acid and **nitrous-acid** seeds of the disease. It demands the discharge of all...

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☐ **44. GLYCOPEPTIDES ANTIBIOTICS**

**COATES, Nigel, John / DAVIS, Christopher, John / CURTIS, Lawrence, Mary /**  
**SYKES, Rachel / BEECHAM GROUP PLC,** *PATENT COOPERATION TREATY APPLICATION*, Oct 1991

...Ionizing radiation (e.g. X-rays and X-rays), u.v. light, u.v. light plus a photosensitizing agent je.q. 8-methoxypsoralen), **nitrous acid**, hydroxylamine, pyrimidine base analogues (e.g. 5-bromouracil), acridines, alkylating agents je.q. mustard gas, ethyl...

**Full text available at patent office. For more in-depth searching go to**  LexisNexis  
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☐ **45. The role of dietary nitrate and nitrite in the reductive deamination of sulfadiazine by the**



rat, guinea pig, and...

**Wooley, J.L. / Sigel, C.W.,** *Life Sciences*, Jun 1982

...that the deamination of sulfon- amides could proceed through a diazonium cation intermediate following reac- tion with **nitrous acid**. This hypothetical mechanism is made more intriguing by the fact that while nitrite concentrations in the water at both...

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☐ **46. REPORT OF The Analytical Sanitary Commission ON DISINFECTANTS.**

*The Lancet*, Jul 1873

...be unharmed sion of the French Academy of Sciences to be more powerful by the presence of a quantity of chlorine or **nitrous acid** in than chlorine as a destructive disinfectant. For a room the atmosphere, which would instantly destroy or combine...

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☐ **47. NOVEL COMPOUNDS**

**ATHALYE, Medha / COATES, Nigel, John / MILNER, Peter, Henry / BEECHAM GROUP PLC, PATENT COOPERATION TREATY APPLICATION**, May 1991

...radiation (e.g. X-rays and X-rays), 23 u.v. light, u.v. light plus a photosensitizing 24 agents (e.g. 8-methoxypsoralen), **nitrous acid**, hydroxylamine, pyrimidine base analogues (e.g. 26 5-bromouracil), acridines, alkylating agents 27 (e.g. mustard gas...

**Full text available at patent office. For more in-depth searching go to**  **LexisNexis®**


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☐ **48. COMPLEX OF GLYCOPEPTIDE COMPOUNDS MM 55270, MM 55271 OR MM 55272**

**COATES, Nigel, John / ELSON, Anna, Louisa / ATHALYE, Medha / CURTIS, Lawrence, Mary / MOORES, Linda, Vivienne / BEECHAM GROUP PLC, PATENT COOPERATION TREATY APPLICATION**, Jun 1990

...radiation (e.g. X-rays and X-rays), u.v. light, u.v. light plus a photosensitizing agents (e.g. 8-methoxypsoralen), **nitrous acid**, hydroxylamine, pyrimidine base analogues (e.g. 5-bromouracil), acridines, alkylating agents (ex. mustard gas, ethyl...

**Full text available at patent office. For more in-depth searching go to**  **LexisNexis®**

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☐ **49. Notes, Short Comments, and Answers to Correspondents.**

*The Lancet*, Jul 1878

...GODRICH. 1. The official memorandum of the Local Government Board on dis- infection directs that when chlorine gas, **nitrous acid** gas, or sulphurous acid gas is used for the disinfection of a room, the process should endure several hours, and that...

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